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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: February 8, 2002 (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/939,784
				Filing Date	08/28/2001
				First Named Inventor	Zhengchen YU
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	033337-0125
Sheet	1	of	1		

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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## FOREIGN PATENT DOCUMENTS

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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
ty	A1	MORTEN IBSEN et al., 8- and 16-Channel All-Fiber DFB Laser WDM Transmitters with Integrated Pump Redundancy, IEEE Photonics Technology Letters, Pages 1114-1116, Vol. II, No. 9, September 1999.	
ty	A2	DANIEL T. VAN ATTA et al., AT&T Technical Journal, January/February 1995, Volume 74, Number 1.	

Examiner Signature	<i>Dzung Tran</i>	Date Considered	6/8/04
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. 033337-0125	Serial No. 09/939,784
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Zhengchen Yu, et al.	
(Use several sheets if necessary)	Filing Date Aug. 28, 2001	Group 26002600

## U. S. PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	RECEIVED DATE
Tp	4,963,832	Oct. 16, 1990	Desurvire, et al.			SEP 06 2002
Tp	4,971,417	Nov. 20, 1990	Krinsky, et al.			Technology Center 2600
Tp	5,088,095	Feb. 11, 1992	Zirngibl			
Tp	5,117,196	May 26, 1992	Epworth, et al.			
Tp	5,223,705	Jun. 29, 1993	Aspell, et al.			
Tp	5,239,607	Aug. 24, 1993	da Silva, et al.			
Tp	5,268,786	Dec. 07, 1993	Matsushita, et al.			
Tp	5,299,055	Mar. 29, 1994	Yoneyama, Kenichi			
Tp	5,455,704	Oct. 03, 1995	Mizuochi, et al.			
Tp	5,506,724	Apr. 09, 1996	Shimizu, et al.			
Tp	5,563,731	Oct. 08, 1996	Asahi, Koji			
Tp	5,570,227	Oct. 29, 1996	Nabeyama, et al.			
Tp	5,764,404	Jun. 09, 1998	Yamane, et al.			
Tp	5,857,043	Jan. 05, 1999	Cook, et al.			
Tp	5,861,981	Jan. 19, 1999	Jabr			
Tp	5,864,414	Jan. 26, 1999	Barnsley, et al.			
Tp	5,870,217	Feb. 09, 1999	Itou, et al.			
Tp	5,872,649	Feb. 16, 1999	Bryon, et al.			
Tp	5,900,968	May 04, 1999	Srivastava, et al.			
Tp	5,900,969	May 04, 1999	Srivastava, et al.			
Tp	5,907,420	May 25, 1999	Chraplyvy, et al.			
Tp	5,907,429	May 25, 1999	Akihiko, et al.			
Tp	5,914,794	Jun. 22, 1999	Fee, et al.			
Tp	5,923,453	Jul. 13, 1999	Yoneyama, Kenichi			
Tp	5,926,304	Jul. 20, 1999	Tajima, Tsutomu			
Tp	5,940,209	Aug. 17, 1999	Nguyen, Khanh Cong			
Tp	5,986,800	Nov. 16, 1999	Kosaka, Junya			
Tp	6,038,062	Mar. 14, 2000	Kosaka, Junya			
Tp	6,252,699	Jun. 26, 2001	Kohn, Ulrich			
Tp	6,317,255	Nov. 13, 2001	Fatehi, et al.			

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. <b>033337-0125</b>	Serial No. 09/939,784
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## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Sub-Technology	Transl
Ty	EP 0651476 A1	Oct. 26, 1994	EPO			
Ty	EP 0792035 A2	Feb. 11, 1997	EPO			
Ty	10-242943 A	Mar. 03, 1997	JPO			
Ty	10-256633 A	Mar. 06, 1997	JPO			
Ty	EP 0829981 A2	Sep. 02, 1997	EPO			
Ty	10-247896 A	Mar. 05, 1998	JPO			
Ty	EP 0838913 A2	Apr. 29, 1998	EPO			
Ty	EP 0881790 A1	May 27, 1998	EPO			
Ty	EP 0887953 A2	Jun. 17, 1998	EPO			
Ty	10-262032 A	Dec. 31, 1998	JPO			
Ty	EP 0910182 A2	Apr. 21, 1999	EPO			
Ty	WO 00/72479	Nov. 30, 2000	PCT			

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		Group 26002600

EXAMINER'S INITIALS	OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)
Tp	Na, K.W., et al., Rate equation model for gain-clamped erbium-doped fibre amplifiers, 15 <sup>th</sup> April 1999, Vol. 35, No. 8, pg. 663, Electronics Letters.
Tp	Kishi, Naoto and Yazaki, Tomonori; Frequency Control of a Single-Frequency Fiber Laser by Cooperatively Induced Spatial-Hole Burning, February 1999, Vol. 11, No. 2, pg. 182, IEEE Photonics Technology Letters.
Tp	Desurvire, E., et al., Dynamic Gain Compensation in Saturated Erbium-Doped Fiber Amplifiers, May 1991, Vol. 3, No. 5, pps. 453-455, IEEE Photonics Technology Letters.
Tp	Ellis, A.D., et al., Automatic Gain Control in Cascaded Erbium Doped Fibre Amplifier Systems, January 31, 1991, Vol. 27, No. 3, pps. 193-195, Electronic Letters.
Tp	Zirngibl, M., Gain Control in Erbium-Doped Fibre Amplifiers by an All-Optical Feedback Loop, March 28, 1991, Vol. 27, No. 7, pps. 560-561, Electronic Letters.
Tp	Luo, G., et al., Relaxation Oscillations and Spectral Hole Burning in Laser Automatic Gain Control of EDFAs, 1997, pg. 130, OFC '97 Technical Digest.
Tp	Zyskind, J.L., et al., Fast Power Transients in Optically Amplified Multi-wavelength Optical Networks, February 29, 1996, Optical Fiber Communication Post-Deadline Paper 1996, pg. PD 31.
Tp	Takushima, Yuichi, et al., Gain Spectrum Equalization of All-Optical Gain-Clamped Erbium-Doped Fiber Amplifier, February 1999, Vol. 11, No. 2, pps. 176-178, IEEE Photonics Technology Letters.
Tp	Srivastava, A.K., et al., Fast-Link Control Protection of Surviving Channels in Multiwavelength Optical Networks, December 1997, Vol. 9, No. 12, pps. 1667-1669, IEEE Photonics Technology Letters.
Tp	Zyskind, J.L., et al., Fast Link Control Protection for Surviving Channels in Multiwavelength Optical Networks, 1996, pps. 5.49-5.52, 22 <sup>nd</sup> European Conference on Optical Communications, ECOC '96 Oslo.
Tp	Jackel, Janet Lehr, et al., All-Optical Stabilization of Cascaded Multichannel Erbium-Doped Fiber Amplifiers with Changing Numbers of Channels, 1997, pps. 84-85, OFC '97 Technical Digest.
Tp	Kashyap, R., et al., Wavelength Flattened Saturated Erbium Amplifier Using Multiple Side Tap Bragg Gratings, 27 <sup>th</sup> May 1993, Vol. 29, No. 11, pps. 1025-1026, Electronic Letters.
Tp	Massicott, J.F., et al., 1480nm Pumped Erbium Doped Fibre Amplifier with All Optical Automatic Gain Control, 9 <sup>th</sup> June 1994, Vol. 30, No. 12, pps. 962-964, Electronics Letter.
Tp	Delevaque, E., et al., Gain Control in Erbium-doped fibre amplifiers by lasing at 1480nm with photoinduced Bragg Gratings written on Fibre Ends, 10 <sup>th</sup> June 1993, Vol. 29, No. 12, pps. 1112-1114, Electronic Letters.
Examiner	Date Considered
<i>Long Tran</i>	6/8/04
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	